

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A echo canceler, comprising:
an echo canceler module configurable ~~capable of configuration~~ as one of an acoustic echo canceler and a hybrid echo canceler; and
a control register adapted to configure said echo canceler module as said one of said acoustic echo canceler and said hybrid echo canceler;
wherein said echo canceler module is configurable to operate through a common connection as said acoustic echo canceler ~~for use~~ in a first wireless device and as said hybrid echo canceler ~~is configurable for use~~ in a second wireless device ~~through a common connection~~.
2. (original) The echo canceler according to claim 1, wherein:
said control register is adapted to configure a span length of said echo canceler module.
3. (original) The echo canceler according to claim 2, wherein:
said span length is adapted to be operably reconfigurable.
4. (original) The echo canceler according to claim 1, wherein:
said control register is adapted to configure a step size relating to adaptation of said echo canceler module.
5. (original) The echo canceler according to claim 4, wherein:
said step size is adapted to be operably reconfigurable.

6. (original) The echo canceler according to claim 1, wherein:
said control register is adapted to configure an ability to update tap
information relating to said echo canceler module.

7. (original) The echo canceler according to claim 6, wherein:
said ability to update tap information is adapted to be operably
reconfigurable.

8. (original) The echo canceler according to claim 1, wherein:
said control register is adapted to select one of a plurality of
possible adaptation modes of said echo canceler module.

9. (original) The echo canceler according to claim 8, wherein:
said selection is operably reconfigurable.

10. (original) The echo canceler according to claim 1, wherein:
said control register is adapted to select between sub-band center
clipping and full-band center clipping with respect to said echo canceler module.

11. (original) The echo canceler according to claim 10, wherein:
said selection is operably reconfigurable.

12. (original) The echo canceler according to claim 1, wherein:
said control register is adapted to select between sub-band echo
cancellation and full-band echo cancellation.

13. (original) The echo canceler according to claim 12, wherein:
said selection is operably reconfigurable.

14. (original) The echo canceler according to claim 1, wherein:
said echo canceler module is adapted to configurably receive an
input signal from two of:

a microphone,
a telephone line in, and
handset in.

15. (currently amended) A method of configuring an echo canceler
module as either an acoustic echo canceler or as a hybrid echo canceler, said
method comprising:

configuring said echo canceler module as one of said acoustic echo
canceler and said hybrid echo canceler;

operating said echo canceler module as said acoustic echo
canceler if said echo canceler module is utilized in a first wireless device; and

operating said echo canceler module as said hybrid echo canceler
if said echo canceler module is utilized in a second wireless device;

wherein said echo canceler module is configurable to operate[[s]]
through a common connection as said acoustic echo canceler in said first
wireless device and as said hybrid echo canceler in said second wireless device
~~through a common connection.~~

16. (original) The method of configuring an echo canceler module
as either an acoustic echo canceler or as a hybrid echo canceler according to
claim 15, wherein said reconfiguring comprises:

changing a span length of said echo canceler module.

17. (original) The method of configuring an echo canceler module
as either an acoustic echo canceler or as a hybrid echo canceler according to
claim 15, wherein said reconfiguring comprises:

changing an adaptation speed of said echo canceler module.

18. (original) The method of configuring an echo canceler module as either an acoustic echo canceler or as a hybrid echo canceler according to claim 15, wherein said reconfiguring comprises:

changing an enablement status of a tap update ability of said echo canceler module.

19. (original) The method of configuring an echo canceler module as either an acoustic echo canceler or as a hybrid echo canceler according to claim 15, wherein said reconfiguring comprises:

changing an adaptation mode of said echo canceler module.

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20. (original) The method of configuring an echo canceler module as either an acoustic echo canceler or as a hybrid echo canceler according to claim 15, wherein said reconfiguring comprises:

selecting between sub-band center clipping or full-band center clipping with respect to said echo canceler module.

21. (original) The method of configuring an echo canceler module as either an acoustic echo canceler or as a hybrid echo canceler according to claim 15, wherein said reconfiguring comprises:

selecting between sub-band echo cancellation or full-band echo cancellation with respect to said echo canceler module.

22. (currently amended) Apparatus for configuring an echo canceler module as either an acoustic echo canceler or as a hybrid echo canceler, comprising:

means for configuring said echo canceler module as one of said acoustic echo canceler and said hybrid echo canceler;

means for operating said echo canceler module as said acoustic echo canceler if said echo canceler module is utilized in a first wireless device; and

means for operating said echo canceler module as said hybrid echo canceler if said echo canceler module is utilized in a second wireless device;

wherein said echo canceler module is configurable to operate through a common connection as said acoustic echo canceler in said first wireless device and said hybrid echo canceler in said second wireless device ~~through a common connection.~~

23. (previously presented) The echo canceler according to claim 1, wherein:

said first wireless device is a handset of a cordless telephone.

24. (previously presented) The echo canceler according to claim 1, wherein:

said second wireless device is a base unit of a cordless telephone.

25. (previously presented) The method of configuring an echo canceler module as either an acoustic echo canceler or as a hybrid echo canceler according to claim 15, wherein said configuring comprises:

configuring echo canceler in said first wireless device for use in a handset of a cordless telephone.

26. (previously presented) The method of configuring an echo canceler module as either an acoustic echo canceler or as a hybrid echo canceler according to claim 15, wherein said configuring comprises:

configuring said echo canceler in said second wireless device for use in a base unit of a cordless telephone.

27. (previously presented) The apparatus for configuring an echo canceler module as either an acoustic echo canceler or as a hybrid echo canceler according to claim 22, wherein said means for configuring comprises:

means for configuring said echo canceler in said first wireless device for use in a handset of a cordless telephone.

28. (previously presented) The apparatus for configuring an echo canceler module as either an acoustic echo canceler or as a hybrid echo canceler according to claim 22, wherein said means for configuring comprises:

means for configuring said echo canceler in said second wireless device for use in a base unit of a cordless telephone.
